

**In the Specification:**

Please amend the paragraph beginning at page 1, line 6, as follows:

PRIORITY CLAIM

This ~~application~~ is a § 371 U.S. National Stage of International Application No. PCT/US03/18211, filed June 10, 2003, which was published in English under PCT Article 21(2), which in turn claims the benefit of U.S. Provisional Application No. 60/387,706, filed June 11, 2002, ~~and incorporated herein by reference.~~ Both applications are incorporated herein in their entirety.

Please insert the attached Abstract as the last page of the specification.

## **POLYCRYSTALLINE THIN-FILM SOLAR CELLS**

### **ABSTRACT OF THE DISCLOSURE**

Double heterojunction polycrystalline thin-film solar cell devices that include a polycrystalline p-layer, a polycrystalline i-layer, and a polycrystalline n-layer. In one variant, at least two of the p-layer, i-layer, and n-layer comprise a polycrystalline Cu material. In another variant, each of the p-layer, i-layer, and n-layer comprise a common cation or a common anion.